

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims, in the application:

**Listing of Claims:**

1. (Currently Amended) A foam seat element comprising:

an isocyanate-based foam matrix having a surface, at least a portion of the surface comprising at least one air channel having [a] an air channel surface, the air channel surface being coated with a substantially fluid impermeable material.

2. (Original) The foam element defined in claim 1, wherein the foam matrix comprises an isocyanate-based foam matrix.

3. (Original) The foam element defined in claim 1, wherein the substantially fluid impermeable coating comprises an elastomeric coating.

4. (Original) The foam element defined in claim 1, wherein the substantially fluid impermeable coating comprises a thickness of less than or equal to about 1.5 mm.

5. (Original) The foam element defined in claim 1, wherein the substantially fluid impermeable coating comprises a

thickness in the range of from about 0.01 mm to about 1.5 mm.

6. (Original) The foam element defined in claim 1, wherein the substantially fluid impermeable coating comprises a thickness in the range of from about 0.01 mm to about 1.0 mm.

7. (Original) The foam element defined in claim 1, further comprising a passageway in communication with the at least one channel and with another surface of the foam element.

8. (Original) The foam element defined in claim 7, wherein the surface comprises at least two channels.

9. (Original) The foam element defined in claim 8, wherein the two channels are interconnected by the passageway.

10. (Original) The foam element defined in claim 7, wherein the passageway comprises a passageway surface which is coated with a substantially fluid impermeable material.

11. (Original) The foam element defined in claim 1, wherein the substantially fluid impermeable material is substantially non-cellular.

12. (Original) The foam element defined in claim 1, wherein the substantially fluid impermeable material is produced in situ in a mold used to produce the foam matrix.

13. (Original) The foam element defined in claim 1, wherein the substantially fluid impermeable material is

derived from an emulsion composition comprising polymer particles.

14. (Original) The foam element defined in claim 1, wherein the foam matrix comprises a polyurethane foam.

15. (Original) The foam element defined in claim 1, further comprising a diffuser element secured to the foam matrix and covering at least a portion of the at least one channel.

16. (Original) The foam element defined in claim 1, further comprising a trim cover over at least the surface of the foam element.

17. (Original) The foam element defined in claim 1, further comprising a frame element which is at least partially embedded in the foam matrix.

18. (Original) A vehicular seat comprising the foam element defined in claim 1.

19. (Original) A vehicular seat cushion comprising the foam element defined in claim 1.

20. (Original) a vehicular seat backrest comprising the foam element defined in claim 1.

Claims 21-44 (cancelled)

45. (New) A foam vehicle seat portion comprising:  
an isocyanate-based foam matrix having a surface;  
and  
at least one gas channel disposed in said matrix and  
having a gas channel surface, at least a portion of the gas  
channel surface being coated with a substantially gas  
impermeable material to retard diffusion of gas through said gas  
channel surface into said foam matrix.

46. (New) A foam vehicle seat element comprising:  
an isocyanate-based foam matrix having a surface, at  
least a portion of said matrix surface being air-permeable;  
an air channel disposed in said matrix surface;  
an air channel surface disposed on at least a  
portion of the air channel, said air channel surface comprising  
a substantially air-impermeable material which substantially  
prevents diffusion of air through said gas channel surface into  
said foam matrix; and  
an air permeable covering disposed over said air  
channel to permit air to flow from said air channel through said  
covering.